

# **THERAPEUTIC MONOCLONAL ANTIBODIES THAT NEUTRALIZE BOTULINUM NEUROTOXINS.**

## **ABSTRACT OF THE DISCLOSURE**

This invention provides antibodies that specifically bind to and neutralize  
5 botulinum neurotoxin type A (BoNT/A) and the epitopes bound by those antibodies. The  
antibodies and derivatives thereof and/or other antibodies that specifically bind to the  
neutralizing epitopes provided herein can be used to neutralize botulinum neurotoxin and are  
therefore also useful in the treatment of botulism.

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